

**Amendments to the Specification:**

Please amend the Specification as follows:

On page 3, paragraph 10, please amend the first sentence as follows:

[10] Demegen, Inc. of Pittsburg, PA owns several peptides which are being developed for medical use. One is D2A21 (FAKKFAKKFKKFAKKFAKFAFAF) (SEQ. ID. No. ~~57~~ 65) being developed under the trade name DEMEGEL.<sup>TM</sup>

On page 7, paragraph 28, please amend the last sentence as follows:

Positive controls included non-periodic antimicrobial peptides D2A21 (FAKKFAKKFKKFAKKFAKFAFAF) (Seq. ID. No. ~~57~~ 65) and D4E1 (FKLRAKIKVRLRAKIKL) (SEQ. ID. No. ~~58~~ 66).

On page 8, paragraph 30, Table 2, please replace the column labeled SEQ. ID. NO. with the following:

SEQ ID NO
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On page 9, paragraph 32, Table 3, please replace the column labeled SEQ. ID. NO. with the following:

SEQ ID NO
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On page 11, paragraph 38, Table 4, please replace the column labeled SEQ. ID. NO. with the following:

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On page 15, paragraph 51, Table 6, please replace the column labeled SEQ. ID. NO. with the following:

SEQ ID NO
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Please insert the substituted sequence listing after the specification and before the claims. The substituted sequence listing contains 21 pages.